

**California Department of Transportation
Storm Water Management Program
Regional Work Plan
North Coast Region 1**

**Fiscal Year
2006-2007**

CTSW-RT-06-132-16.1



**California Department of Transportation
Division of Environmental Analysis
Storm Water Management Program
1120 N Street, Sacramento, California 95814-5605
<http://www.dot.ca.gov/hq/env/stormwater>**

April 1, 2006



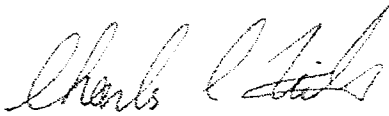
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**California Department of Transportation
District 1 Certification**

Regional Work Plan 2006-2007

**California Regional Water Quality Control Board
North Coast Region 1**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



**Charles C. Fielder
District 1 Director**

March 20, 2006


Date

**California Department of Transportation
District 2 Certification**

Regional Work Plan 2006-2007

**California Regional Water Quality Control Board
North Coast Region 1**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



**Brian Crane
District 2**

March 22, 2006

Date

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1.0 INTRODUCTION

General Information about this Regional Work Plan (RWP)

The Regional Work Plan (RWP) provides region-specific information for Districts 1 and 2, Region 1's water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2006-2007 as required by the *Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

Goals and Commitments

Districts 1 and 2 will continue to train their Design, Construction, Permits, and Maintenance staff on storm water issues by conducting tailgate meetings and formal classes on specific storm water management strategies and activities. New training for engineering staff will include the principles of designing treatment BMPs. The Districts continue to implement the storm water program for all Divisions. The Districts' NPDES Storm Water Coordinators evaluate projects on a regular basis to ensure that measures required by the SWMP are effectively implemented. Adjustments will be developed and implemented as the evaluation results identify.

Major Changes

As necessary, the Districts will evaluate what changes should be made to the Districts' Departments to improve implementation of the SWMP. Major upcoming changes will include compliance with the requirements of the new Department NPDES permit and revised SWMP, which is currently under negotiation with the State Water Resources Control Board (SWRCB).

Documentation

As necessary, the Districts will evaluate what changes should be made to the Districts' documents to improve communication and reporting accuracy. Internal storm water documentation may be updated to reflect the changes.

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2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

District NPDES Storm Water Coordinator

The District NPDES Storm Water Coordinators serve as liaison with the Water Quality Program. Liaison activities include conducting meetings related to storm water management issues with the coordinators from each functional unit and with other MS4 permittees to discuss problems and concerns. Liaison activities also include regular communications with representatives of the RWQCB. The functional unit coordinators will assist the District Divisions in implementing the Division's storm water management activities. The District NPDES Storm Water Coordinators also provide coordination with the Department's Headquarters functional programs and the Districts.

In addition, the NPDES Storm Water Coordinators have the following responsibilities:

- Serving as the point of contact for regulatory inquiries regarding implementation of the Statewide SWMP.
- Receiving and responding to public inquiries made to the Districts regarding storm water management issues.
- Coordinating, tracking and reporting the District's response to illicit connections/illegal discharges (IC/IDs) and nonpermitted non-storm water discharges.
- Reporting instances of noncompliance to the RWQCBs unless otherwise indicated in the Regional Work Plan.

Design Storm Water Coordinator

The District Design Storm Water Coordinator serves as the point of contact for Design for all Design Storm Water Program Inquiries.

Maintenance Storm Water Coordinator

The District Maintenance Storm Water Coordinators serve as point of contact for all Maintenance Storm Water Program inquiries. In coordination with the NPDES Coordinator, the Maintenance Storm Water Coordinator reports instances of storm water discharges from highway facilities to the Regional Board.

Construction Storm Water Coordinator

The District Construction Storm Water Coordinator serves as point of contact for all Construction Storm Water Program inquiries. In coordination with the NPDES Coordinator, the Construction Storm Water Coordinator reports instances of storm water discharges from highway facilities to the Regional Board. The Construction Storm Water Coordinator is responsible for conducting inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy.

Encroachment Permits Storm Water Coordinator

The District Encroachment Permits Storm Water Coordinator serves as point of contact for all Encroachment Permits Storm Water Program inquiries. In coordination with the NPDES Coordinator, the Encroachment Permits Storm Water Coordinator reports instances of storm water discharges from highway facilities to the Regional Board.

Permit Storm Water Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits complies with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way comply with the Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

Portions of Caltrans Districts 1 and 2 fall within the jurisdiction of the North Coast Regional Water Quality Control Board (NC-RWQCB). An organizational chart for the North Coast Region's Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within the NC-RWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.

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Table 2–1: Districts 1 and 2 Department Storm Water Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Katrina Pierce	Chief, North Region Environmental	(530) 741-4277	katrina_pierce@dot.ca.gov	Oversees all North Region Environmental employees
David Melendrez	Chief, North Region Office of Environmental Engineering-North	(707) 445-5201	david_melendrez@dot.ca.gov	Oversees all Office of Storm Environmental Engineering-North within Districts 1&2
Chris Holm	North Region District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Co-Primary contact for all District 1 NPDES storm water issues
Alex Arévalo	North Region District 1 NPDES Coordinator	(707) 441-4674	alex_arevalo@dot.ca.gov	Co-primary contact for all District 1 NPDES storm water issues
Ted Schultz	North Region District 2 NPDES Coordinator	(530) 225-4640	ted_schultz@dot.ca.gov	Primary contact for all District 2 NPDES storm water issues
Wes Faubel	North Region Design Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP
Walt Dragoloski	North Region Construction Storm Water Coordinator – North Area		walt_dragoloski@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs
Vacant	North Region Construction Storm Water Coordinator – South Area		vacant@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs
Brett Johnson	District 1 Maintenance Storm Water Coordinator-Roadside/Facilities	(707) 441-2014	brett_l_johnson@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Chris Clifford	District 1 Encroachments Permits Storm Water Coordinator	(707) 445-6389	chris_clifford@dot.ca.gov	Provides guidance to District 1 Encroachment Permits staff and permittees on storm water issues

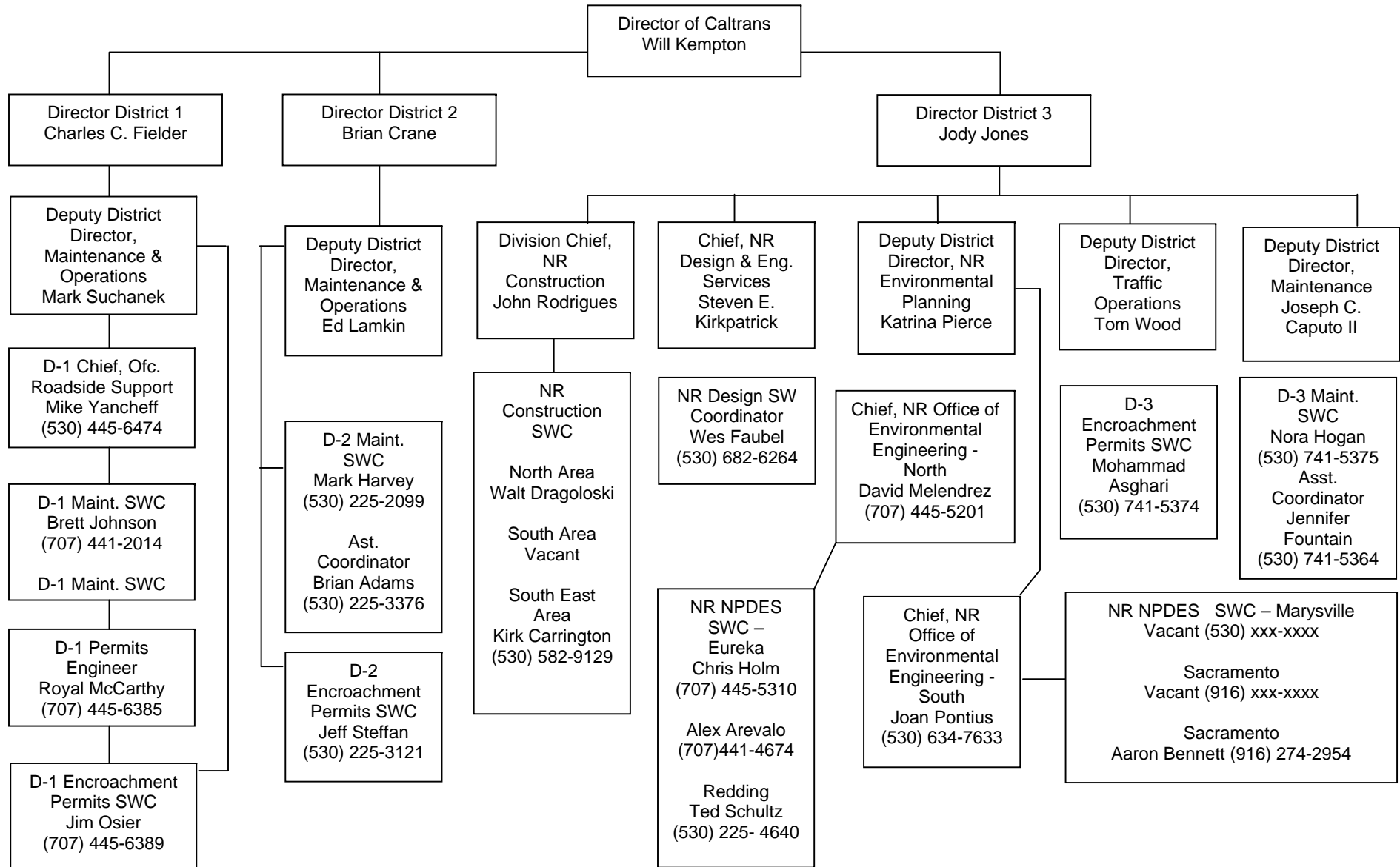
Staff Name	Title	Phone No.	E-mail	Responsibility
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Brian Adams	District 2 Assistant Maintenance Storm Water Coordinator	(530) 225-3376	brian_adams@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Jeff Steffan	District 2 Encroachments Permits Storm Water Coordinator	(530) 225-3082	jeff_steffan@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees

Table 2–2: Districts 1 and 2 Signatory Authority for Key Documents

Title	Responsibility
District Director	All District Documents
Deputy District Directors/NR Division Chiefs	All District Documents
Chief, North Region Office of Environmental Engineering- North, South	All District Documents except Annual Workplan
North Region NPDES Coordinators	All District Documents except Annual Workplan
Construction Storm Water Coordinators	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Storm Water Coordinators, Managers and HazMat Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Permit Storm Water Coordinators	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction Engineer/Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Encroachment Permits Storm Water Coordinator	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of Illicit Connection/Discharge
Facility Supervisor	Facility Pollution Prevention Plans (FPPP)

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Figure 2–1: Districts 1 and 2 Organizational Chart



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3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3–1. Maps showing the District boundaries, major roads and highways within the North Coast RWQCB jurisdiction are presented in the accompanying Figure 3–1 and 3–2.

Table 3–1: District 1 Facilities

CO	Route	PM	Name	Comments
Maintenance Stations				
DN	101	27.0	Crescent City	Highway Maintenance
SIS	3	47.40	Yreka	Highway Maintenance
HUM	36	25.4	Bridgeville	Highway Maintenance
HUM	96	0.6	Willow Creek	Highway Maintenance
HUM	96	R38.8	Orleans	Highway Maintenance
HUM	101	11.5	Garberville	Highway Maintenance
HUM	101	59.5	Fortuna	Highway Maintenance
HUM	101	77.3	Eureka	District 1 Office / Shop 1
HUM	101	79.3	Eureka	District Office Annex
HUM	101	83.4	Bracut	Highway Maintenance
HUM	101	120.8	Orick	Storage
HUM	101	R132.0	Park Bypass	Sand and Salt Storage
HUM	299	12.5	Pine Creek	Sand and Salt Storage
HUM	299	29.1	Titlow Hill	Sand and Salt Storage
MEN	1	20.4	Manchester	Highway Maintenance
MEN	1	62.1	Fort Bragg	Highway Maintenance
MEN	101	27.4	Ukiah	Highway Maintenance
MEN	101	45.2	Willits	Highway Maintenance
MEN	101	82.2	Rattlesnake Creek	Sand and Salt Storage
MEN	128	28.0	Boonville	Highway Maintenance
MEN	271	7.2	Leggett	Highway Maintenance
Vista Points				
DN	101	13.3	Wilson Creek	Vista Point
DN	101	R22.7	Crescent City	Vista Point
HUM	96	8.7	Hoopa Valley	Vista Point
HUM	101	47.0	Greenlaw	Vista Point
HUM	101	73.7	Harold G. Larsen	Vista Point
HUM	101	94.3	McKinleyville	Vista Point
HUM	299	28.4	Berry Summit	Vista Point
MEN	1	25.2	Mallo-Pass Creek	Vista Point
MEN	1	49.4	Brewery Gulch	Vista Point
MEN	1	49.9	Big River, South	Vista Point
MEN	1	50.6	Big River, North	Vista Point

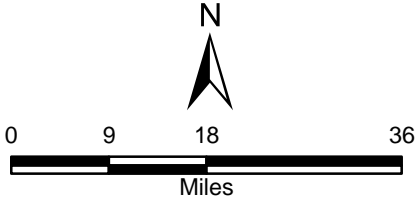
CO	Route	PM	Name	Comments
MEN	1	55.0	Caspar Creek	Vista Point
MEN	1	74.1	Blue Slide	Vista Point
MEN	1	81.2	Westport-Union Landing	Vista Point
Commercial Vehicle Enforcement Facilities				
HUM	101	97.1	Little River	SB
HUM	299	R7.5	Buckhorn	WB
MEN	20	28.7	Two Rock	EB-Abandoned, pending removal
MEN	101	41.3	Ridgewood	SB
MEN	101	48.7	Willits	SB-Abandoned, pending removal
Roadside Rest Areas				
DN	199	33.4	Collier Tunnel	SB, 3 mi. S of Oregon State Line
HUM	101	R102.9	Trinidad	SB, 3.5 mi S of Patrick's Point U.C.
HUM	101	R105.0	Trinidad	NB, 0.5 mi S of Patrick's Point U.C.
MEN	101	58.9	Moss Cove	SB, 10.5 mi S of Laytonville
MEN	101	61.8	Irvine Lodge	NB, 7.9 mi S of Laytonville
MEN	101	82.4	Empire Camp	NB, 2.5 mi S of Cummings
TRI	299	R3.6	Salyer	EB, 2.2 mi E of Salyer
Park and Ride Facilities				
HUM	101	59.5	Fortuna	SE Corner Kenmar Road Interchange
HUM	101	74.8	Herrick Avenue	NW Corner Herrick Avenue
HUM	101	100.7	Trinidad West	NW Corner Trinidad Interchange
HUM	101	100.7	Trinidad East	NE Corner Trinidad Interchange
Toll Road and Bridge Plazas				
None				

- Legend**
- Major City
 - Rest Area
 - Maintenance Station
 - Park & Ride
 - Vista
 - Department Facility
 - Department Boundary
 - RWQCB Boundary
 - Hydrologic Unit
 - County Boundary



RWQCB Index

RB1 North Coast Region
RB5 Central Valley Region



Maintenance Station Addresses

Route/ Post Mile	Name	Street Address	City and Zip Code
North Coast Regional Board (Region 1)			
1/20.40	Manchester	Hwy 1PM 20.4	Manchester Ca. 95459
1/62.00	Fort Bragg	-	Fort Bragg Ca. 95437
36/26.20	Bridgeville	Hwy 36 Nr Bridgeville Road	Bridgeville Ca. 95526
96/0.60	Willow Creek	Hwy 96 PM 0.6	Willow Creek Ca. 95573
96/38.90	Orleans	Hwy 96 PM 38.9	Orleans Ca. 95556
101/11.50	Garberville	Redwood Drive 1/2 Mile No	Garberville Ca. 95542
101/27.00	Crescent City	711N Hwy 101	Crescent City Ca. 95531
101/27.40	Ukiah	90 W Lake Mendocino Drive	Ukiah Ca. 95482
101/45.90	Willits	21340 Baechtel Road	Willits Ca. 95490
101/59.50	Fortuna	1924 Smith Lane	Fortuna Ca. 95540
101/77.30	District 1 Office	1656 Union Street	Eureka Ca. 95501
101/82.30	Rattlesnake Creek	Hwy 101PM 82.3	Mendocino County
101/83.4	Eureka	6100 No Hwy 101	Eureka Ca. 95503
101/120.80	Orick	Highway 101PM 120.8	Humboldt County
101/131.70	Redwood Bypass	Hwy 101PM 131.7	Humboldt County
128/28.00	Boonville	Hwy 128 and Anderson Creek	Boonville Ca. 95415
199/28	Idlewild	Hwy 199 PM 28.2	Gasquet Ca. 95543
271/7.20	Leggett	Hwy 271PM 7.2	Leggett Ca. 95585
299/12.40	Pine Creek	Hwy 299 PM 12.4	Humboldt County
299/29.10	Titlow Hill	-	Humboldt County
299/34.10	Berry Summit	Hwy 299 PM 34.1	Humboldt County
NA/NA	Eureka Region	1835 6TH Street	Eureka Ca. 95501
Central Valley Regional Board (Region 5)			
20/28.40	Clearlake Oaks	Hwy 20 NW of Hwy 53 Jct	Clearlake Oaks Ca. 95423
29/45.10	Lakeport	3218 Hill Rd	Lakeport Ca. 95433

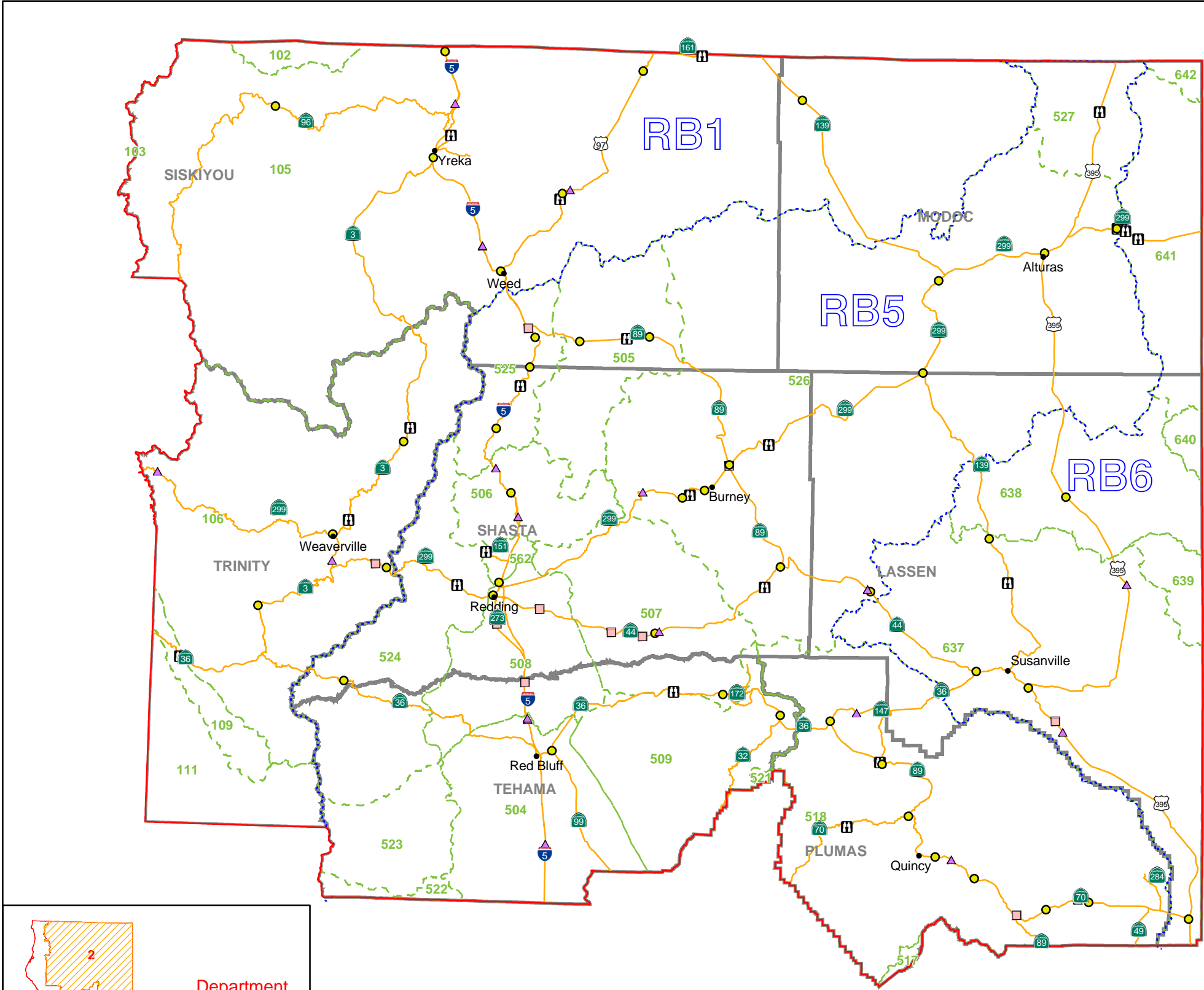
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Table 3–2: District 2 Facilities

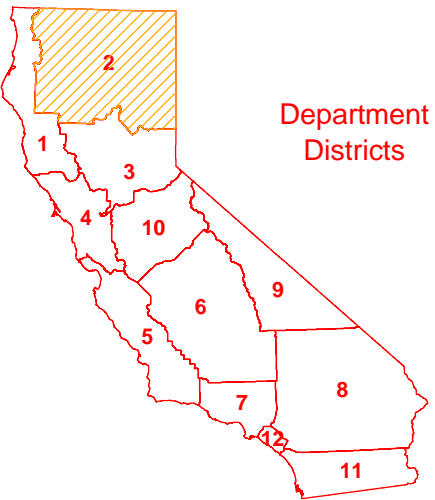
CO	Route	PM	Name	Comments
Maintenance Stations				
SIS	5	20.2	Weed	Sand and Salt Storage
SIS	3	47.4	Yreka	Highway Maintenance
SIS	5	68.3	Hilt	Sand and Salt Storage
SIS	96	60.8	Seiad Valley	Highway Maintenance
SIS	97	20.2	Grass Lake	Highway Maintenance
SIS	97	49.8	Dorris	Sand and Salt Storage
TRI	3	6.2	Hayfork	Highway Maintenance
TRI	3	59.5	Trinity Center	Highway Maintenance
TRI	299	51.2	Weaverville	Highway Maintenance
TRI	299	69.7	Buckhorn	Sand and Salt Storage
Agricultural Facilities				
SIS	97	49.83	Doris	Agricultural Station
Vista Points				
SIS	5	52.0	Yreka	Vista Point
SIS	97	19.1	Grass Lake	Vista Point
SIS	161	8.8	Lower Klamath Wildlife Refuge	Vista Point
TRI	3	37.9	Trinity Lake (USFS)	Vista Point
TRI	3	62.8	North Shore (USFS)	Vista Point
TRI	36	9.8	South Fork Mountain Summit	Vista Point
Commercial Vehicle Enforcement Facilities				
None				
Roadside Rest Areas				
SIS	5	R25.6	Weed Airport	6 mi. N of Weed; NB & SB
SIS	5	R58.6	Randolph C. Collier	2.5 mi N of Route 96
SIS	97	21.8	Grass Lake	19.8 mi N of Weed
TRI	299	56.9	Moon Lim Lee	5 mi E of Weaverville
TRI	299	R3.6	Salyer	3 mi E of Salyer
Park and Ride Facilities				
TRI	299	67.45	Lewiston Turnoff	Park and Ride
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP.

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Maintenance Station Addresses			
Route/ Post Mile	Name	Street Address	City and Zip Code
North Coast Region (Region 1)			
3/6.20	Hayfork	0.3 Mi N of SR 3 on Morgan Hill Road	Hayfork Ca. 96041
3/59.50	Trinity Center	1/4 Mi S of Trinity Center on SR 3	Trinity Center Ca. 96091
5/20.20	Weed	Hwy 5 PM 20.2 on N Weed Blvd	Siskiyou County
5/47.40	Yreka	1745 S Main Street	Yreka Ca. 96097
5/68.33	Hilt	Hwy 5 PM 69.7	Siskiyou County
9/60.88	Seiad	Hwy 96 PM 610	Seiad Valley Ca. 96086
97/20.20	Grass Lake	21021 Hwy 97	Weed Ca. 96094
97/49.80	Dorris	Hwy 97 PM 49.8	Siskiyou County
139/44.90	Newell	Hwy 139 7 Mi S of Tulelake	Tulelake Ca. 96134
299/51.20	Weaverville	Memorial Drive	Weaverville Ca. 96039
299/69.70	Buckhorn	Hwy 299 PM 69.2	Trinity County
Central Valley Region (Region 5)			
5/6.10	Mt Shasta	1625 Mott Road	Mt Shasta Ca. 96067
5/37.50	Salt Creek	Hwy 5 PM 37.5	Shasta County
5/52.90	Gibson	25305 Gibson Road	Lakehead Ca. 96051
5/66.90	Castella	Hwy 5 PM 66.9	Shasta County
36/6.50	Chester	Hwy 36 PM 42.0	Chester Ca. 96020
36/8.70	Platina	Hwy 36 PM 7.6	Platina Ca. 96076
36/10.40	Fredonyer	Hwy 36 PM 20.4	Lassen County
36/44.40	Red Bluff	13700 Hwy 36 East	Red Bluff Ca. 96080
36/82.20	Mineral	Hwy 36 East 1 Mi West of Mineral	Mineral Ca. 96063
36/98.70	Deer Creek	Hwy 36 PM 98.7	Tehama County
44/33.90	Shingletown	Hwy 44 PM 33.9	Shasta County
44/62.50	Hat Creek	Hwy 44 PM 62.7	Old Station Ca. 96071
70/33.00	Greenville Wye	Hwy 70 PM 33.0	Plumas County
70/42.10	Pulga	Hwy 70 PM 42.1	Storrie Ca. 95980
70/45.30	Quincy	Hwy 70 PM 415	Quincy Ca. 95971
70/55.20	Lees Summit	Hwy 70 PM 55.2	Plumas County
70/70.70	Willow Creek	Hwy 70 PM 70.0	Plumas County
70/81.30	Beckwourth	81313 Hwy 70 PM 813	Portola Ca. 96122
89/114.0	Bartle	Hwy 89 PM 114	Siskiyou County
89/24.10	McCloud	Hwy 89 PM 24.1	Siskiyou County
89/29.30	Canyon Dam	Hwy 89 PM 29.3	Plumas County
273/16.80	District 2 Office	1657 Riverside Drive	Redding Ca. 96049-6073
273/19.8	Redding Maintenance Facility	1450 George Drive	Redding Ca. 96003
299/20.30	Canby	Hwy 299 PM 20.3	Modoc County
299/25.60	Adin	Hwy 299 PM 25.6	Adin Ca. 96006
299/50.20	Cedar Pass	Hwy 299 PM 50.2	Modoc County
299/68.20	Hatchet Mtn	Hwy 299 PM 68.2	Shasta County
299/75.60	Burney	Hwy 299 PM 75.6	Burney Ca. 96013
299/80.20	Burney Junction	Hwy 299 PM 80.2	Shasta County
395/23.00	Alturas	Hwy 395 @ PM 23.0	Alturas Ca. 96101
Lahontan Region (Region 6)			
36/26.00	Susanville	471800 Diane Drive	Susanville Ca. 96130
44/14.50	Bogard	Hwy 44 PM 14.5	Lassen County
44/36.90	Junction 36/44	Hwy 44 PM 36.9	Lassen County
70/3.60	Hallelujah Jct	Hwy 70 PM 3.6	Lassen County
139/32.20	Grasshopper	Hwy 139 PM 32.2	Lassen County
395/115.20	Terro	Hwy 395 PM 115.2	Lassen County



RB1

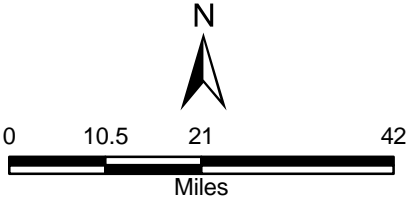
RB5

RB6

North Coast Region

Central Valley Region

Lahontan Region



Legend

•

Major City

▲

Rest Area

●

Maintenance Station

■

Park & Ride

⊞

Vista

—

Department Facility

▭

Department Boundary

▭

RWQCB Boundary

▭

Hydrologic Unit

▭

County Boundary



Figure 3-2
District 2 RWQCB and H.U. Boundaries

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4.0 HIGH-RISK AREAS

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of high-risk areas within District 4 is presented in Table 4–1. High-risk areas (defined in the Section E.2 of the Permit) are areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

Goals and Commitments

The Districts are committed to maintaining the quality of water within their jurisdictions, as they have been since the inception of the program. In the event that any water quality concerns are detected in the future, goals and commitments will be developed and implemented to address those issues.

Coordination and Partnerships

As required by the SWMP and Permit, the Districts coordinate regularly with agencies, partners, local interested parties, and RWQCB staff to accomplish their storm water management goals. If future issues require, the Districts will coordinate with groups or agencies to implement BMPs wherever possible.

Documents and Reports

As necessary, the Districts will evaluate what changes should be made to the Districts' existing documents and/or guidance on storm water activities and tasks to improve implementation of the SWMP. Major upcoming changes to documents and reports will comply with the requirements of the new Permit and new SWMP, which is currently under development.

Educational Efforts

The Districts continue to conduct training classes, as needed, to train District staff and contractors on the use of BMPs to comply with SWMP requirements and to address how certain projects might potentially impact high-risk areas. The Districts will evaluate what training or educational sessions may be helpful in educating District staff about the special issues high-risk areas present and how to address them according to the requirements of the SWMP and Permit.

Table 4–1: Districts 1 and 2 High-Risk Areas

Road Segment/ Facility	County	High-Risk Area	Description	Comments
District 1				
101/42.9	MEN	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Company	2 miles to facility
101/48.7	MEN	Lake Ada Rosa	Water for Brooktrails Township CSD	2.1 miles to facility
101/48.7	MEN	Lake Emily Intake	Water for Brooktrails Township CSD	1.8 miles to facility
101/42.8	MEN	Morris Reservoir	Water for City of Willits	0.8 miles to facility
District 2				
3/54.2	SIS	Lake Shastina-Treatment Plant	Water for City of Montague	
3/8.2	TRI	Hayfork-Ewing Reservoir	Water for Trinity Co. W.W. District #1	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April. Table 5–1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5–1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5–1.

Table 5–2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality; it provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). Department DNCs or Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

Table 5–3 summarizes various program management activities that are part of the storm water pollution prevention program.

Goals and Commitments

The Districts continue to track and ensure storm water compliance in Department projects. Projects are reviewed to ensure implementation of storm water treatment controls and erosion control practices are being considered at each phase of the project.

Coordination and Partnerships

As required by the SWMP and Permit, the Districts coordinate regularly with agencies, partners, local interested parties, and Regional Board staff to accomplish their storm water management goals. If future issues require, the Districts will coordinate with groups or agencies to implement BMPs wherever possible.

Documents and Reports

As necessary, the Districts will evaluate what changes should be made to the Districts' existing documents and assess the need for new documents (such as manuals and guidance) that should be developed to improve implementation activities. Major upcoming changes to documents and reports will comply with the requirements of the new Permit and new SWMP, which is currently under development.

Educational Efforts

The Districts will evaluate what training or educational sessions may be helpful in educating District staff about implementation activities and how to address them according to the requirements of the SWMP and Permit.

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
B	3634U	DN	101	004.4	009.4	Roadway Rehabilitation And Bridge Rail Upgrade And Widening	Klamath River	DSA 303 401	>5 acres	Feb-2007	Aug-2008	Mar-2009	Apr-2011
C	29314	DN	199	10.9	11.2	Replace Bridge Near Gasquet	Hardscrabble Crk-Trib to M. Fork Smith	401	1 acre	Nov-2005	Nov-2006	Apr-2007	Feb-2009
D	29313	DN	101	35.8	45.3	Widen Roadway And Bridges At Smith River Overflow And Gilbert Creek	Gilbert Creek; Smith River Overflow	DSA 401	1.2 acres	Mar-2002	Jan-2005	Aug-2005	Feb-2007
B	43640	DN	101	36.1	36.1	Replace Bridge	Smith River	DSA 401	7.4 acres	Feb-2010	Jun-2011	Mar-2012	Mar-2015
C	34540	DN	101	43.6	45.8	Shoulder Widening And Left-Turn Channelization	Gilbert Creek, Lopez Creek	DSA 401	48.2 acres	Sep-2005	Dec-2006	Aug-2007	Oct-2008
B	36341	DN	101	T5.8	7.8	Rdwy Rehab & Grade Raise Near Klamath	Klamath River	303 401	< 1 acre	Feb-2007	Aug-2008	Mar-2009	Apr-2011
D	31171	DN	169	2.5	2.7	Replace Bridge Terwer Creek Bridge	Terwer Creek	401	2.2 acres +	Dec-2003	Feb-2004	Oct-2004	Jan-2007
C	40960	DN	199	27.0	27.5	Curve Realignment Near Patrick Creek	Smith River	401	1.9 acres	Sep-2004	Nov-2005	Jul-2006	Jan-2008
B	35100	HUM	36	R0.0	R1.0	Roadway Rehab	Van Duzen River	303 401		Apr-2008	Nov-2009	Jun-2010	Oct-2011
B	32330	HUM	36	R5.8	R7.0	Widen Shoulders	Van Duzen River	303 401	6.5 acres	Jun-2006	Dec-2008	Jun-2009	Sep-2010
B	40030	HUM	96	0.0	R44.9	Culvert Rehabilitation	Trinity River Klamath River	303 401		May-2008	Jan-2010	Jul-2010	Oct-2011

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
A	46140	HUM	96	R3.8	R3.8	Widening	Trinity River	303		Sep-2006	May-2007	Oct-2007	Dec-2008
C	45240	HUM	96	R16.0	18.7	Reconstruct Metal Beam Guard Rail	Trinity River	303	0.2 acres	Oct-2005	Dec-2007	May-2008	Nov-2008
C	43020	HUM	96	23.0	23.2	Place Underdrain And Reconstruct Roadway	Klamath River	303	0.25 acres	Nov-2005	May-2006	Dec-2007	Nov-2008
A	43170	HUM	101	R2.3	66.3	Culvert Rehabilitation	South Fork Eel River Eel River	303 401		Apr-2007	Aug-2008	Jun-2009	Aug-2009
C	44090	HUM	101	R15.3	R15.7	Drainage System Restoration	South Fork Eel River	303 401	< 1 acre	Feb-2004	Dec-2005	Mar-2006	Mar-2007
B	44120	HUM	101	37.7	37.7	Modify Drainage	Eel River	303 401		Jun-2006	Jan-2007	Jun-2007	Mar-2008
D	36310	HUM	101	035.9	039.2	Roadway Rehabilitation	Tributary to So Fork Eel River	401	0.7 acres	Oct-2002	Feb-2004	May-2005	Nov-2007
B	36320	HUM	101	R48.7	R56.0	Roadway Rehabilitation	Eel River	303 401		Nov-2006	May-2007	Nov-2007	Jan-2010
D	31440	HUM	101	56.2	57.5	Bridge Replacement (Scour) Van Duzen River Bridge	Van Duzen River	DSA 303 401	5.4 acres	Mar-2004	Nov-2004	Jun-2005	Nov-2007
C	29030	HUM	101	57.0	58.8	Construct Interchange And Frontage Roads 36/101	Tributary to Van Duzen & Eel Rivers	DSA 303 401	34.5 acres	Jun-2005	Jan-2007	Feb-2008	Nov-2009
C	43840	HUM	101	58.8	70.0	Install Median Barrier	Eel River	DSA 303 401	12.4 acres	Aug-2005	Jan-2006	Aug-2006	Oct-2008

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
B	36600	HUM	101	79.8	85.8	Eureka/Arcata Corridor Improvements Between Eureka And Arcata	Humboldt Bay, Jacoby Crk, Brainard's Slough, Washington Gulch, Rocky Gulch, Fay Slough, Freshwater Crk, Unnamed Trib.	DSA 303 401	~ 20 acres	Aug-2008	Nov-2009	Feb-2010	Oct-2014
B	36330	HUM	101	79.8	87.8	Roadway Rehabilitation	Humboldt Bay	DSA 303 401	< 5 acres	Aug-2008	Nov-2009	Feb-2010	Oct-2014
C	45720	HUM	101	83.4	83.4	Install Water Line	Humboldt Bay	401	< 1 acre	Aug-2005	Feb-2006	Jun-2006	Dec-2006
C	29610	HUM	101	89.4	90.2	Replace Bridges (Scour) Mad River Bridges	Mad River	DSA 303 401	19.6 acres	Jun-2005	Jun-2006	Sep-2007	Nov-2011
A	30320	HUM	101	94.0	94.0	Mitigation Work- Mouth Of Mad River	Mad River	303 401	TBD	TBD	TBD	TBD	TBD
A	46300	HUM	101	94.0	94.0	Wetlands Mitigation	Mad River	303 401	6.2 acres	Feb-2006	Mar-2006	Sep-2006	Mar-2007
B	42250	HUM	101	R97.7	122.4	Culvert Rehabilitation	Various	401	<0.1 acres	Apr-2005	Aug-2006	Jan-2007	Sep-2008
D	40320	HUM	101	R102.9	R103.7	Upgrade Filtration Gallery And Water Lines	Trib - Pacific Ocean	401		Dec-2002	Dec-2004	Sep-2005	Mar-2006
A	44080	HUM	101	R114.6	R114.8	Modify Drainage	McBrindle Creek	401	1.6 acres	Nov-2006	Nov-2007	Feb-2008	Oct-2008
B	45090	HUM	169	R13.6	33.8	Install MBGR	Klamath River	303	1 acre	Oct-2008	Nov-2009	May-2010	Oct-2011
B	43050	HUM	169	33.5	33.8	Curve Improvement	Klamath River	303		Apr-2007	Dec-2007	May-2008	Jan-2009

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
B	36460	HUM	169	20.2	30.2	Replace Four Bridges Near Weitchpec	Mawah Ck, Cappell Crk, Ruby Ranch Crk, Martin's Ferry Crk	DSA 401	> 1 acre	Aug-2006	Oct-2007	May-2008	Jun-2011
A	43140	HUM	254	1.8	1.8	Replace Culvert	South Fork Eel River	303 401		Apr-2007	Aug-2008	Dec-2008	Jun-2009
D	29670	HUM	255	0.1	1.9	Seismic Retrofit - Phase 2	Humboldt Bay	303 401	> 1 acre	Apr-2002	Aug-2002	Nov-2003	Aug-2006
A	45410	HUM	283	R0.3	R0.3	Complete Decorative Bridge Lighting	Eel River	303 401		Jun-2006	Oct-2006	Apr-2007	Oct-2007
D	39591	HUM	299	R21.8	42.6	Culvert Rehab	Redwood Creek, Trinity River	303 401	> 1 acre	Feb-2002	Oct-2003	Dec-2004	Oct-2006
A	43980	HUM	299	R7.5	R28.8	Rehabilitate Culverts	Trib to Mad River Redwood Creek	303 401		Nov-2006	Aug-2007	Dec-2007	Dec-2008
C	42380	HUM	299	R8.8	R9.0	Place Deep Underdrain / Reconstruct Roadway	Trib to Mad River	401	2.3 acres	Oct-2001	Feb-2006	May-2006	May-2007
C	44180	MEN	1	82.9	82.9	Repair Bridge Deck	Juan Creek	401		May-2005	Nov-2006	Apr-2007	Aug-2007
B	29171	MEN	1	38.0	38.2	Construct Tie-Back Retaining Wall	Navarro River	303		Jul-2006	May-2007	Jan-2008	Dec-2009
D	37801	MEN	1	60.0	60.7	Seismic Retrofit- Replace Bridge Noyo River Bridge	Noyo River	303 401		Jan-1999	Dec-2001	Mar-2002	Nov-2006

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
B	38570	MEN	1	69.4	70.1	Replace Bridge - Seismic Retrofit Ten Mile River Bridge	Ten Mile River	DSA 303 401	10.8 acres	Mar-2006	Apr-2006	Oct-2006	Nov-2009
C	45840	MEN	1	R50.0	R50.0	Channelization	Big River	303	0.7 acres	Dec-2005	Mar-2006	Jul-2006	Dec-2006
B	31010	MEN	1	33.4	33.9	Replace Bridge Greenwood Cr Br, Near The Town Of Elk	Greenwood Creek	401	4.5 acres	Dec-2002	Apr-2008	Jan-2009	May-2012
C	43460	MEN	1	L5710	L5710	Replace Maintenance Station In Fort Bragg	Pacific Ocean	401	2.3 acres	Aug-2005	Jul-2006	Mar-2007	Nov-2009
D	30790	MEN	1	R10.2	R11.2	Realign Roadway	Pacific Ocean	DSA 401	24 acres	Jan-2004	May-2005	Mar-2006	Jan-2008
C	44810	MEN	128	11.3	11.5	Curve Improvement	Flynn Creek	401		Oct-2004	Jan-2005	May-2005	Feb-2006
C	41180	MEN	020	26.3	27.1	Realign Curves	Tributary to Big River	DSA	4.55 acres	Aug-2005	Apr-2006	Oct-2006	Dec-2007
C	29770	MEN	020	33.3	R37.9	Roadway Rehabilitation North Calpella Oc To Cold Creek Bridge	Russian River East Fork of Russian River Lake Mendocino Cold Creek	DSA 303 401	10 acres	Jun-2001	Oct-2005	Aug-2006	Nov-2007
C	29200	MEN	020	R0.3	R2.4	Construct 2-Way Left Turn Lane	Tributary to Navarro River	DSA 401	12.8 acres	Jun-2004	Oct-2006	May-2007	Sep2009
C	36430	MEN	1 20 101	3.8 4.4 48.9	47.2 R32.8 48.9	Culvert Rehab	77 sites-Noyo, Big Rivers; Outlet Crk	303 401	0.5 acres	Sep-2005	Dec-2006	Jul-2007	Aug-2009
B	2921U	MEN	101	8.8	17.6	4 Lane Freeway/Expressway	Russian River	DSA 303 401	> 100 acres	Nov-2009	Jan-2013	Dec-2013	Oct-2016

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
C	45950	MEN	101	R9.2	R9.2	Repair Damaged Steel Truss Members	Russian River	303	< 0.1 acres	Mar-2005	Oct-2005	May-2006	Dec-2006
B	45770	MEN	101	R21.1	33.0	Replace Concrete Pavement	Russian River	303	< 0.1 acres	Mar-2006	May-2006	Aug-2006	Jan-2007
A	43180	MEN	101	R52.5	R100.0	Culvert Rehab	6 sites-Eel River	303 401	TBD	Jan-2007	Jan-2008	May-2008	Aug-2009
B	42930	MEN	101	R69.3	69.8	Curve Improvement	Tenmile Creek- Tributary to Eel River	303	1.2 acres	Mar-2006	Aug-2007	Mar-2008	Feb-2009
B	44750	MEN	101	C81.4	C81.4	Repair Scour/Provide Fish Passage	Rattlesnake Creek	401	< 1 acre	Oct-2006	Aug-2007	Nov-2007	Oct-2008
C	45850	MEN	101	R86.8	R88.2	Shoulder Improvement, MBGR and Widening	Eel River	DSA/303	> 1 acre	Jun-2005	Oct-2006	May-2007	Oct-2008
C	42290	MEN	101	R92.7	93.6	ITS and OGAC Overlay	Eel River	303	< 0.25 acres	Jan-2005	Jul-2006	Feb-2007	Mar-2008
C	39751	MEN	101	98.9	R100.8	Realign Roadway	Eel River	DSA 303 401	25 acres	Dec-2005	Dec-2005	Jun-2006	Oct-2009
D	29301	MEN	101	10.7	11.2	Widen Bridge& Upgrade Rail Feliz Creek Bridge	Feliz Creek- Tributary to Russian River	401	2 acres	Oct-2002	Dec-2003	Jul-2004	Nov-2006
B	26200	MEN	101	T43.5	51.3	Willits Bypass	Baechtel, Broadus, Haehl, Upper Haehl, Mill, and Outlet Creeks	DSA 303 401	> 100 acres	Jun-2006	May-2008	Jan-2009	May-2012
C	37810	MEN	128 253	0.0 0.0	50.1 17.2	Culvert Rehab	Navarro River	303 401		Jun-2005	Jun-2007	Jan-2008	Mar-2010

Table 5-1: District 1 Anticipated Project Development/Construction Schedule

Category**	EA	Co.	Route	BK PM	AH PM	Project Description	Water Bodies Impacted by Project	Criteria*	Land Disturbance Acreage	Anticipated Project Delivery Schedule		Construction Period	
										PA&ED Date	PS&E Date	Start Date	Completion Date
C	36370	MEN	128	R38.8	R50.0	CAPM	Navarro River, Russian River	303		Aug-1999	Jul-2008	Feb-2009	Jul-2010
B	43200	MEN	162	5.0	5.2	Dewater And Reconstruct Roadway	Outlet Creek	303	< 1 acre	Jan-2006	Mar-2007	Dec-2007	Jun-2008
C	43030	MEN	162	20.6	21.7	Install Underdrain	Middle Fork Eel River	303 401	< 1 acre	May-2003	Feb-2006	Nov-2006	Oct-2007
C	44310	MEN	175	1.1	1.2	Roundabout and Lighting	Russian River, Dooley Creek	303	1 acre	Oct-2005	Oct-2006	Feb-2007	Apr-2008
B	38050	MEN	222	1.0	1.0	Replace Bridge Russian River Bridge	Russian River	DSA 303 401	10 acres	Sep-2006	Oct-2007	May-2008	Jan-2010
C	3116U	MEN	253	R0.5	3.5	Upgrade Bridge Railing and Widening	Outlet Creek, Soda Creek and Anderson Creek	401	< 1 acre	Oct-2005	Jul-2006	Feb-2007	Apr-2009
C	43270	MEN	253	1.1	1.3	Remove Slide	Anderson Creek Trib to Navarro River	401	1 acre	Dec-2005	Sep-2006	Feb-2007	Dec-2007
D	40820	MEN	271	0.5	20.4	Culvert Rehab	Trib to Eel River	401		Apr-2002	Dec-2004	Sep-2005	Nov-2006

Table 5-1: District 2 Anticipated Project Development/Construction Schedule

Region	SWMP Category	EA	Co.	Rte	BK PM	AH PM	Description	Water Bodies Affected	Land Disturbance Acreage	Criteria	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
NC	ND	38150	SIS	5	51.6	58.1	Construct median barrier	Shasta River, Klamath River	3.7	303	Jul-04	Sep-95	May-06	Jan-07
NC	ND	34350	SIS	96	61.7		Replace arch culvert	Walker Creek	1	401	Jul-03	Jan-05	Jun-06	Dec-06
NC	ND	34710	SIS	96	65.2	65.6	Replace culverts	O'Neil Creek	1	401	Aug-03	Oct-04	Jun-06	Dec-06
NC	ND	31120	SIS	161	18.7	19.3	Replace Bridge	Lost River	2.92	401	Jun-05	Jan-06	Jul-06	Jul-09
NC	ND	38150	SIS	5	52.5	58	Concrete Median Barrier	Shasta Rvr/Klamath Rvr	3.7	303	Jul-04	Dec-04	May-05	Oct-06
NC	ND	3C060	TRI	36	0	2.2	Remove and replace AC pavement	Mad River, Vanduzen River	<1	303	Dec-05	Mar-06	Jun-06	Nov-06
NC	ND	0C910	TRI	36	20.9	21.4	Curve improvement	Trinity River	1	303	Mar-05	Apr-06	Jun-06	Jan-07
NC	D	36410	TRI	003	6.5	6.5	Replace the bridge	Hayfork Cr	6.7	DSA/401	Feb-04	Aug-03	Mar-04	Dec-06
NC	B	37800	TRI	003	43.9	53.7	Bridge replacement and rail upgrade	Stuart Fork, East Stuart Fork	1.5	401	Jan-05	Oct-05	May-06	Jan-08
NC	B	28853	TRI	299	55.7	57.7	Add Passing Lanes	Weaver Crk	10	DSA	Nov-03	Apr-04	Nov-05	Oct-06
NC	B	38460	TRI	299	69.4	70.5	Westbound Passing Lane	Little Grass Valley Crk	>5	DSA	Jan-07	Nov-07	Aug-08	Mar-09
NC	ND	39000	TRI	299	60.8	61.2	Left turn lane channelization	Trinity River	8.7	DSA/401/303	Apr-05	Oct-06	May-07	Dec-07

Table 5-1 Legend

*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4–3,

- (A) Beginning of project development process prior to approval of the PSR (Project Study Report)
- (B) PSR approved, but environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, designs complete and project in the construction phase of project delivery

Note: The most updated SWMP is dated insert new SWMP date. Therefore, the SWMP Categories A, B, C, and D are selected for the projects between the five years period of Year to Year from PID to CCA.

****Criteria:**

- DSA = Disturbed Soil Area is greater than 5 acres
- 303d = 303(d) listed water body within project limits and affected by project
- 401 = 401 Certification/waiver required
- HR = High Risk (Project limit within a high-risk area)

Key:

- EA = Expenditure Authorization
- CO-RTE-PM = County / Route / Post Mile
- SWPPP / WPCP = Storm Water Pollution Prevention Plan / Water Pollution Control Program
- Water Body = Water body impacted by project
- RB = Regional Water Quality Control Board
- PID = Project Initiation Document
- PA/ED = Project Approval / Environmental Document
- PS&E = Plans, Specifications, and Estimates
- RTL = Ready to List
- CCA = Construction Completion Acceptance
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP Section 4.4.2)

Note: All projects that do not require a SWPPP will require a WPCP.

Table 5–2: District 1 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria (2)	Start Date	Completion Date
None that require 401 certification							
Maintenance Facility and Activity Inspections							
Four of twenty Maintenance facilities in District 1 are scheduled for annual inspections by the District Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Excess soils stockpile areas – containment areas are and will be established at various locations on State right of way for temporary storage of excess soil from maintenance activities. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Sediment Control – Slopes, shoulders and ditches will be monitored during the wet weather season to identify locations requiring BMP's for sediment control. BMP's will be constructed/installed as necessary to reduce sediment discharge to the maximum extent practicable.							
Vegetation Management and Vegetated Slope Management							
<p>The District's Vegetation Control Plan (VCP) for FY 2005/2006 has been completed. The goal of the District's 05-06 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs include the following:</p> <ul style="list-style-type: none"> • Type of chemical to be applied • Applications locations, widths, total acres applied, frequency, amount totals • Reason for application 							

Table 5–2: District 2 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria (2)	Start Date	Completion Date
None that require 401 certification							
Maintenance Facility and Activity Inspections							
All maintenance facilities in District 2 are inspected annually by the Maintenance Storm Water Coordinator (MSWC). Consultants are hired under contract to inspect 6 facilities in the district. Facilities to be inspected are not determined until the time of inspection.							
Maintenance Facility BMP Improvements							
No improvements are anticipated; however, BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Completed vegetative slope evaluations for highways in Scott River drainage will be evaluated and prioritized for funding recommended improvements.							
Maintenance storage and disposal sites for soil and rock materials are being developed throughout the District.							
Vegetation Management and Vegetated Slope Management							
<p>The District's Vegetation Control Plan (VCP) for FY 2005/2006 has been completed. The goal of the District's 05-06 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs include the following:</p> <ul style="list-style-type: none"> • Type of chemical to be applied- • Applications locations, widths, total acres applied, frequency, amount totals • Reason for application 							

Table 5-2 Legend

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:
- 401 = 401 Certification/Waiver required
 - DSA = Disturbed Soil Area is greater than 5 (5) acres
 - 303d = 303 (d) listed water body within project limits and affected by project
 - SEP = Supplemental Environmental Project
 - Retro = Storm Water Retrofit Project
 - HR = Project limits within High Risk Area
 - RB = RWQCB designated project as a potential threat to water quality

Table 5-3: District 1 General Management Practices

Monitoring Activities
Construction monitoring activities will be conducted as required by the General Construction Permit; this effort should not be confused w/ the Construction Compliance Monitoring Program.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
<p>Some Caltrans storm water training classes will be available for participation by local agencies, as space allows. If local agencies show interest and the Caltrans budget allows, additional training may be provided by Department staff. Training on storm water issues will be provided to crews during “tailgate” meetings or in formal classes.</p> <p>Training on Maintenance storm water issues will be provided to crews during “tailgate” meetings every 10 working days or at each change in major maintenance activity.</p> <p>District 1 is currently collaborating public education efforts with the MS4 permittees within District 1. The District will participate in some local events but efforts could be limited by the Departments budget.</p>
Municipal Coordination
Meetings are scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

Table 5–3: District 2 General Management Practices

Monitoring Activities
Construction monitoring activities will be conducted as required by the General Construction Permit.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
<p>Storm water training for Caltrans staff will be provided in formal classes and during crew tailgate meetings or facility inspections. Some Caltrans storm water training classes will be available for participation by local agencies, as space allows. If local agencies show interest and the Caltrans budget allows, additional training may be provided by Department staff.</p> <p>Storm drain stenciling will be maintained for storm drains at maintenance stations, rest areas, park and ride lots, vista points, State highways through cities of Weaverville and Yreka.</p> <p>Although no MS4 permittees are within North Coast Region portions of District 2, the District plans to participate in some local events as allowed by the Departments budget. Storm water pollution prevention posters will be maintained at 6 Safety Roadside Rest Areas located within District 2 and the North Coast Region that receive an estimated 2,100,000 visitors annually. Storm water pollution prevention posters and handouts will be provided for self-service storm water information displays at District 2 project open houses.</p>
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.